

CHEMIELNIKOWSKI, Zbigniew; SCHWAN, Stefan

Properties of fibrin film of domestic production. Polski tygod. lek.
14 no.26:1192-1194 29 June 59.

1. (Z I Kliniki Chirurgicznej A. M. w Gdansk; kier. prof. dr Henryk
Kania i z Zakladu Anatomii Patologicznej AM w Gdansk; kier. prof.
dr nauk medycznych Wilhelm Czarnocki).
(HEMOSTATICS)

CHMIELNSKI, J.:

High silica, porous glass.
By J. Chmielnski, ...

SO: Szklo i Ceramika, #10, 1955, Poland.

EXCERPTA MEDICA Sec 6 Vol 13/11 Internal Med. Nov 59

6681. STREPTOLYSIN REACTIONS IN CHILDREN SUFFERING FROM RHEUMATIC FEVER - Odczyny streptolizynowe u dzieci z chorobą reumatyczną - Chmielowa ~~SP~~ II. Klin. Chor. Dziec. A. M. Poznań - PEDIAT. POL. 1958.

33/7 (797-802) 1958

The author performed the streptolysin test in 103 sick children, 4-14 yr. of age, and in 50 children not suffering from rheumatism but in whom the possibility of streptococcal foci was not excluded. The tests were performed by intradermal injections of 0.1 ml. streptolysin solution. After 48 hr. measurements of hyperaemia and infiltration were carried out. Streptolysin tests performed in the 103 children were positive in 92 cases. The tests performed in the 50 non-rheumatic children were positive in 19 cases. The difference is statistically significant. The streptolysin tests are not specific for rheumatic fever but they may be helpful in the diagnosis.

Višňorová - Brno (VII, 6)

CHMIELOWA, Maria

2 cases of celiac disease in children of the same family.
Pediat. polska 35 no.3:330-333 M: '60.

1. Z II Kliniki Chorob Dzieci A.M. w Poznaniu, Kierownik: doc.
dr med. O Szczepski.
(SPHUB case reports)

CHMIELOWA, Maria

Cutaneous reactions to streptolysin O and the level of antistreptolysin
O titer in the blood serum of children with acute rheumatic disease.

Poznan. tow. przyjac. nauk wydz. lek. 22 no.3/1-3:33-47 '61.

(RHEUMATIC FEVER blood) (STREPTOLYSIN)

(ANTISTREPTOLYSIN)

SKALMOWSKI, Tadeusz; CHMIELOWA, Maria; WLODARCZAK, Krystyna

The level of antistreptolysins O and lipoprotein fractions in the blood serum in infectious hepatitis in children. *Pediat. pol.* 37 no.7:703-708 J1 '62.

1. Z Wojewodzkiego Szpitala Dziecięcego im. Kryśiewicza Dyrektor: dr med. M. Stabrowski i z II Kliniki Chorob Dzieci AM w Poznaniu Kierownik: prof. dr med. O. Szczepski.
(HEPATITIS INFECTIOUS blood) (ANTISTREPTOLYSIN blood)
(LIPOPROTEINS blood)

SKALMOWSKI, Tadeusz; CHMIELOWA, Maria; WLODARCZAK, Krystyna

Cholesterol and the level of antistreptolysin O titer in the blood serum in children with infectious hepatitis. *Pediat. pol.* 37 no.7: 709-713 JI '62.

1. Z Wojewodzkiego Szpitala Dziecięcego im. Kryśiewicza Dyrektor: dr med. M. Stabrowski i z II Kliniki Chorob Dzieci AM w Poznaniu Kierownik: prof. dr med. O. Szczepski.
(ANTISTREPTOLYSIN blood) (CHOLESTEROL blood)
(HEPATITIS INFECTION blood)

SOBOCZYNSKI, Andrzej; CHMIELOWA, Maria

Osteomyelitis of the maxilla in an infant. Pediat. pol. 38
no.7:671-674 J1 '63.

1. Z II Kliniki Chorob Dzieci AM w Poznaniu Kierownik: prof.
dr med. O. Szczepski.

(OSTEOMYELITIS) (MAXILLA)

CHMIELNIA, Maria

Carbohydrate metabolism disorders caused by enzyme deficiencies.
Pol. arch. med. wewn. 34 no.10:1359-1365 '82

1. Z II Kliniki Pediatricznej Akademii Medycznej w Poznaniu
(Kierownik: prof. dr. med. C. Szczepski).

CHMIELOWA, Maria; KOZLOWSKI, Kazimierz; SIKORSKA, Renata; WALCZAK,
Mieczysław.

Preocious puberty in a 7-year-old girl with congenital syphilis.
Endokr. Pol. 15 no.6:611-616 N-D '64

1. II Klinika Chorob Dzieci Akademii Medycznej w Poznaniu
(Kierownik: prof. dr. O. Szczepski).

CHMIELOWA, Maria; KRZYWINSKA, Krystyna; KWAPISIEWICZ, Irena

A case of exfoliative dermatitis in a 6-year-old girl. Pediat.
Pol. 40 no.2:193-197 F '65

1. Z II Kliniki Chorob Dzieci Akademii Medycznej w Poznaniu
(Kierownik: prof. dr. med. J. Szczepski).

CHMIELOWIEC, M.

"Adhesives and plastic insulating materials." p. 356. (MATERIALY BUDOWLANE,
Vol. 8, no. 12, Dec. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

CHMIELOWSKA M

Distr: 4E2c(j)

Chemistry of hexavalent and quadrivalent uranium in organic solvents. B. Jezowska-Trzebiatowska, A. Bartosińska, M. Chmielewska, H. Przywarpa, T. Mikulski, K. Bukietyńska, and W. Stępczewska (Univ. Wrocław, Poland). *Russ. Chem. Rev.* 3, Spec. No., 39-58 (1968) (in English). Solns. of uranyl nitrate (I) and of UCl_4 were investigated by conductometric and spectrophotometric measurements. Low conductivities of I were found. The Fuoss equation for ionic triplets was fitted satisfactorily but in a limited concn. range at lower concns. have to be assumed. The ionization constants for the ion pairs and triple ions were calcd. as 1.1×10^{-4} and 3.45×10^{-4} in acetone, and as 1.26×10^{-4} and 4.08×10^{-4} in EtOH. Absorption spectra were detd. in the range of 360 to 500 m μ . Wave lengths (in m μ) and molar extinction coeffs. at max. absorption were, in H_2O : 485, 0.4; 488.5, 0.95; 495, 1.0; 498.5, 2.8; 499.5, 7.3; 414.2, 8.96; 408.2, 7.2; 390, 6.8; 382, 3.4; 360, 8.0; in acetone: 485, 0.48; 488.5, 4.11; 492, 6.6; 490, 9.54; 495.5, 11.13; 414.2, 10.3; 408, 8.4; 393.5, 5.5; 382, 3.1; 361.5, 3.5; in methyl ethyl ketone: 485, 0.68; 488.5, 9.55; 495, 4.63; 5.86; 490, 7.79; 495.5, 10.25; 414.2, 0.85; 408, 8.0; 392.5, 5.2; 382, 4.3; 362, 3.4; in methyl isobutyl ketone: 485, 0.66; 495, 2.39; 492, 5.47; 487.5, 5.26; 485.5, 10.0; 410, 7.8; 408, 7.8; 393.5, 5.2; 381.5, 3.0; 363.5, 3.0; in EtOH: 485, 0.68; 495, 2.39; 492, 5.47; 487.5, 5.26; 485.5, 10.0; 410, 7.8; 408, 7.8; 393.5, 5.2; 381.5, 3.0; 363.5, 3.0; in formamide: 478, 4.8; 461, 6.31; 448.5, 16.0; 435, 26.8; 423.2, 39.55; 412.5, 24.8; 400, 16.2; 387.5, 9.67; 371.1, 8.27; 360.9, 9.8; in tributyl phosphate: 485, 0.63; 470, 1.71; 453, 3.64; 430, 6.01; 427, 8.82; 418, 9.74; 408.5, 8.14; 390, 5.28; 378.0, 3.2; 363.5, 3.0;

in MeCN: 481, 0.749; 468.2, 4.14; 452, 7.00; 437.8, 8.27; 425.0, 9.00; 412.3, 9.21; 402, 7.3; 390, 4.74; 374, 2.78; 363.4, 3.26; and in acetylacetone: 453, 260; and 400; The band was diffuse in H_2O , formamide, acetylacetone, and dioxane, whereas it had a distinct vibrational structure in ketone solvents. Changes of absorption at 450-530 m μ with concn. of I in EtOH-acetylacetone mixts. established the existence of the 1:1 complex and indicated the existence of 2:3 complexes of UO_2^{++} and acetylacetone. Similar investigations established the existence of 1:1 complexes of I with mono-, di-, and tributyl phosphates, and with mono- and diamyl phosphates. Yellow $UO_2(BuPO_3)_2 \cdot 2H_2O$ soly. product const. 10^{-4} in water, and a 1:2 complex $UO_2(BuPO_3)_2 \cdot 2H_2O$ were pptd. Kinetics of gaseous O uptake by I was studied in solns. in H_2O -acid. Uranyl ether exposed to ultraviolet radiation: $UO_2 \cdot 2H_2O$ was detd. by oxidimetric titration with Mohr's salt. The rate const. was 1.2×10^{-4} (moles/l.)^{1/2}/min. at 25°. The mechanism is discussed and it is suggested that ether mole. are excited first, and then UO_2^{++} reacts with org. peroxides. Absorption spectra of UCl_4 were detd. in org. solvents. Max. absorption bands were at the following wave lengths (wave length in m μ and molar extinction coeffs. given): in EtOH: 410, 9.0; 407, 11.0; 400, 12.4; 395, 8.7; 380, 5.4; and 365, 11.2; in tributyl phosphate: 418, 5.0; 405, 8.11; 406, 14.3; 388, 8.8; 395, 9.0; and 370, 39.8; in triethylphosphate: 415, 11.2; 455, 19.8; 406, 11.2; 355, 7.5; 395, 6.8; and 370, 16.7. Absorption spectra at 440-640 m μ of UCl_4 in MeOH-tributyl phosphate mixts. established the existence of the 1:1 complex with phosphate, for which $\log K = 2.12$. J. Strick-

JEZOWSKA-TRZEBIATOWSKA, B.; BARTECKI, A.; CHMIELOWSKA, M.

The potassium permanganate-stannous chloride system in acetone. Bul
Ac Pol chim 7 no.7:485-490 '59. (EEAI 10:4)

1. Department of Inorganic Chemistry, Wroclaw Technical University.
Institute of Physical Chemistry, Polish Academy of Sciences.
Presented by W.Trzebiatowski.

(Acetone)	(Potassium permanganate)	(Tin chlorides)
	(Systems Chemistry)	

BARTECKI, Adam; CHMIELOWSKA, Maria; JEZOWSKA-TRZEBIATOWSKA, Boguslawa

Inorganic compounds in acetone. Pt. 1. General characteristics of non-aqueous solvents, properties and purification of acetone. Pt. 2. Durability of acetone against the effect of permanganate. Przem chem 39 no.4:210-218 Ap '60.

1. Katedra Chemii Nieorganicznej, Uniwersytet i Politechnika, Wroclaw
i Instytut Chemii Fizycznej, Polska Akademia Nauk, Wroclaw.

CHMIELOWSKI, J.

"The neutron story" by Donald H. Hughes. Reviewed by J. Chmielowski.
Hutnik P 29 no.10:391-392 0 '62.

CHMIELOWSKI, J.

"Metals. Geographic and economic outlines" by Jerzy Loth, Zofia Petrazycka, "Plastic working. Fascicles of the Central Laboratory of Plastic Working" Vol. 3, Pt. 1., and "Electric and magnetic fields" by V.A. Govorkov. Reviewed by J. Chmielewski. Hutnik P 30 no. 5: 164-165 My '63.

CHMIELOWSKI, J.; MORKOWSKI, Janusz [translator]

"History of chemistry and chemical industry" by [mgr inz.] Eugeniusz Kwiatkowski; "Physical chemistry" by [doc. dr] Andrzej Gorski, and "Elements of solid state theory" by Gregory H. Wannier. Translated by Janusz Morkowski. Reviewed by J. Chmielowski. Hutnik P 30 no.1: 32-33 Ja '63.

CHMIELOWSKI, J.

"Theory of relativity for the layman" by James A. Coleman. Reviewed
by J. Chmielowski. Hutnik P 30 no.2:63-64 P '63.

BULUK, Karol; JANUSZKO, Tadeusz; OLBROMSKI, Jan; CHMIELEWSKI, Jan

On the activation of fibrinolysis. Pol. med. wewn. 32 no.7:769-771
'62.

1. Z Zakładu Patologii Ogólnej i Doswiadczałnej AM w Białymstoku
Kierownik: prof. dr med. K. Buluk.
(FIBRINOLYSIS)

CHMIELNIKOWSKI, Zbigniew

Ulcerative colitis. Pol. przegl. chir. 37 no.9:853-858 S '65.

1. Z I Kliniki Chirurgicznej AM w Gdansk (Kierownik: prof.
dr. H. Kania).

CHMIELNIKOWSKI, Zbigniew; LIPINSKI, Jerzy; WADOLOWSKI, Wladyslaw

Plastic surgery in the 1st Surgical Clinic in Gdansk. Pol.
przepl. chir. 37 no. 12:1216-1219 D ' 65

1. Z I Kliniki Chirurgicznej AM w Gdansk (Kierownik: prof.
dr. H. Kania).

CHMIELOWA, Maria; KLAUZINSKI, Romuald

Functional megacolon with involuntary defecation. Pediat. Pol.
40 no.8:865-867 Ag '65.

1. Z II Kliniki Pediatrycznej AM w Poznaniu (Kierownik: prof. dr.
med. O. Szczepski).

ZIELINSKI, Stefan J., mgr inz.; WALCZAK, Irena, mgr; CHMIELEWSKI,
Jan, mgr

Tin recovery from tinsplate scraps. Wiad hut 15 no. 3:
79-83 Mr '64.

EXCERPTA MEDICA Sec 5 Vol. 11/1 Pathology Jan. 58

52. *Chmielewski J.* TRIALS TO ESTABLISH THE ORGANIC FACTORS INCREASING THE POLAROGRAPHIC WAVES IN THE BLOOD OF TUMOUR-BEARING RATS - Versuche zur Aufklärung der organischen Faktoren, die für die Steigerung der polarographischen Blutstufe bei Tumorratten verantwortlich sind. Godlewski H. and Chmielewski J. Onkol. Inst., Gliwice. ČSL. ONKOL. 1956, 3/1 (12-21) Graphs 1 Tables 4

Employing the modified micromethod of Brdicka et al. (1938), the height of the polarographic waves was determined in the blood of different parts of the circulatory system of rats, as well as in the transudate fluid of connective tissue surrounding the tumours (Guérin's epithelioma and transplantable rat sarcoma). A significant increase of the polarographic waves was found only in the connective tissue transudate as compared with the height of waves in the blood of the same animal). The blood of healthy animals when mixed with liver homogenates of tumour-bearing rats showed a considerable increase in the height of the polarographic waves. In the liver homogenates of healthy rats mixed with the blood of the latter, the polarographic waves were of normal height. The homogenates of other organs of healthy and tumour-bearing rats, as well as the homogenates of necrotic tissues of neoplastic and inflammatory origin, did not cause any increase in the height of the waves. If the primary tumour was extirpated at the moment of the high polarographic wave in the blood, some days later the polarographic waves in the mixture of normal blood and liver homogenates, as well as in the blood of these animals attained low values. It is concluded that the increase of height of polarographic waves in the blood of rats bearing transplantable tumours is dependent on changes in metabolism of polarographic active substances; in this metabolism the liver probably plays the chief role.

(V, 16)

POLAND/General Problems of Pathology - Tumors. Metabolism.

U.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 98167

Author : Godlewski, Henryk; Ciemielowski, Jerzy

Inst : Inst. Onkol., Odda. ~~Office.~~

Title : Attempts at Finding the Factors in an Organism Which Increase the Height of a Polarographic Wave in the Blood of Rats with Tumors.

Orig Pub : Nowotwory, 1956, 6, No 4, 229-240

Abstract : In 8 rats with Geren's epithelioma and in with sarcoma, the height of the polarographic wave (HPW) was determined in blood samples taken from various vessels, as well as from extract of connective tissue which surrounded the tumor and metastases. HPW was without significant variation in different blood samples, but in tumor extract-considerably increased. An increased HPW in artificially necrotized normal tissue as well as in necrotized and living tissue of tumor itself, was not noted. A notable

Card 1/2

POLAND/General Problems of Pathology. - Tumors. Metabolism.

U.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 98167

increase of HPW was noted after addition of homogenates of liver from animal with a tumor to the blood of healthy animals. Apparently, the increase of HPW is not conditioned by the tissue of tumor itself, but is conditioned by changes in metabolism which occur in the organism and the appearance, in the liver, under the influence of a growing tumor, of polarographically active substances. --
S.Ya. Karmorshteyn

Card 2/2

- 21 -

CHMIEŁOWSKI J.

EXCERPTA MEDICA Sec. 6 Vol. 11/6 June 57

3866. CHMIEŁOWSKI J., MYŚLAK Z. and ZAHORSKI W. Działu Wewnętrznych Chor. Zawodowych Inst. Med. Pracy, Przemysłu Węglowym i Hutniczym, Zabrze-Rokitnicy. *Leczenie i profilaktyczne działanie wersenianu wapnia (Ca-EDTA) w przebiegu ołowicy. I. Próby polarograficzne oznaczania ołowiu w krwi i w moczu w obecności wersenian. II. Badania polarograficzne zachowania się ołowiu we krwi i moczu chorych w czasie leczenia. Therapeutic and prophylactic action of Ca-EDTA in the course of lead poisoning. I. Trials with polarographic determination of lead in the blood and urine, in the presence of EDTA. II. Polarographic investigations concerning the behaviour of lead in the blood and urine of patients under treatment MED. PRACY 1956, 7/3 (181-198) Graphs 10 Tables 5

I. In accordance with the polarographic properties of EDTA complexes of lead, the presence of EDTA does not influence the determination of lead in blood and urine in a strongly acid environment. A modification of Teisinger's method has been introduced which makes it possible to determine lead in urine after acidifying with hydrochloric acid and filtrating. The method described gave satisfactory results for concentrations above 50 μ g./100 ml. In determinations of higher concentrations the accuracy obtained was within the limits $\pm 6.5\%$. This method of

SALIT-ALEKSANDROWICZ, Emilia; ~~CHMIELONSKI~~, Jerzy

Polarographic examination of the blood serum in diseases of the stomach. Polski tygod. lek. 11 no.15:625-634 9 Apr 56.

1. Z Inst. Onkol. w Gliwicach; dyr.: dr. med. J. Swiecki;
Zaklad Analiz Klinicznych. kier. dr. med. E. Salit-Aleksandrowicz
Gliwice, Inst. Onkologii.

(BLOOD, in various diseases,
stomach dis., polarography (Pol))

(STOMACH, diseases,
blood polarography in (Pol))

COUNTRY : POLAND
CATEGORY : Analytical Chemistry. Analysis of Inorganic Substances
ABS. JOUR. : RZKhim., No. 1 1960, No. 655
AUTHOR : Chmielewski, J.; Myslak, Z.
INST. : -
TITLE : Polarographic Determination of Lead in Urine in the Presence of Ethylenediaminetetraacetate Using Ion Exchangers for Eliminating Inter-*
ORIG. PUB. : Chem. analit. (Polska), 1959, 4, No 1-2, 233-239
ABSTRACT : To eliminate the interfering substances, the urine sample, acidified with a solution of HCl to pH < 1, is passed with a velocity of 0.3 ml/min through a column containing a 15 cm layer of the H cationite Wofatit P with a grain size of 0.5 mm. In the filtrate, Pb is determined by a polarographic method. The described
*fering Substances

CARD:

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Z-17

COUNTRY	:		E
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1	1960, No. 855
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT cont'd	:	method is suitable for the determination of > 20-30 mcg % of Pb in the urine of a patient undergoing treatment with ethylenediaminetet- raacetate.-- N. Polyanskiy	
CARD:		2/2	

CHMIELOWSKI, J.

"Elementary particles" by Yu.V.Novezhylov. Reviewed by J.Chmielowski.
Hutnik 29 no.1:36-37 Ja '62.

CHMIELOWSKI, J.

Property, power, peculiarity characteristics as problems of terminology. Hutnik P 29 no.4:150-152 Ap '62.

CHMIELOWSKI, J.

"Researchers are convulsing the world" by Werner Braunbek.
Reviewed by J. Chmielowski. Hutnik P 29 no.4:153-154 Ap '62.

CHMIELOWSKI, J.

"Hydromechanics" by Adam Tadeusz Troskolanski. Reviewed by
J. Chmielowski. Hutnik P 29 no.6:233-234 Je '62.

CHMIELOWSKI, J.

"What is mathematics?" by B. Courant, H. Robbins. Reviewed
by J. Chmielowski. Hutnik P 29 no.7/8:307-308 J1-Ag '62.

CHMIELOWSKI, J.

"Quantum chemistry" by H. Eyring, J. Walter, G.E. Kimball,
"Elementary wave mechanics with applications to quantum
chemistry" by H. Hettler, and "Elementary quantum theory of
atoms and molecules" by M.S. Wieselow [Veselov, M.G.].
Reviewed by J. Chmielowski.. Hutnik P 29 no.3:114-116
Mr '62.

CHMIELOWSKI, J.

"From the history of mathematics" by Edward Kofler;
"Mathematics" by A.N. Kolmogorow and "Radiation chemistry
of inorganic compounds" by Stanislaw Ciborowski. Reviewed
by J. Chmielowski. Hutnik P 30 no.3:96-97 Mr '63.

CHMIELOWSKI, J.

The term "przypadek" [case]. Hutnik P 30 no. 4: 129-130
Ap '63.

CHMIELOWSKI, J.

"Concept of heat in historical development" by [prof.dr.]
Bohdan Stefanowski. Reviewed by J. Chmielowski. Hutnik P
30 no.7/8:271-272 J1/Ag'63.

WENDORFF, Zofia, prof. dr inż.: CHMIELAŃSKI, ..

Been reviews. Hutnik 31 no.12:03-204 D '64.

CHMIELOWSKI, Janusz, mgr., inż.

Terminology and language. Przegl gorn 18 no.1:69-70 '62.

CHMIELEWSKI, Wincenty, inż.

Mechanization of safety actions against glazed frost. Drogownictwo 16
no. 11:266-268 N 61.

DARCHIYA, A.Kh.; CEMIL', L.F.; DARCHIYA, Sh.P.

Study of star tremor during the expeditions of 1956-1958. Izv.
GAO 21 no.6:52-72 '60. (MIRA 13:9)
(Stars--Observation)

ZALIVAKHA, Petr Il'ich, tokar' udarnik kommunisticheskogo truda,
aktivnyy ratsionalizator, izobretatel'; CHMIL', L.N., red.

[We are reducing time spent for auxiliary operations; from
work practices at the "Svet Shakhtera" Plant] Sokrashchaem
vspomogatel'noe vremia; iz opyta raboty na zavode "Svet
shakhtera." Khar'kov, Khar'kovskoe knizhnoe izd-vo, 1962.
43 p. (MIRA 17:3)

SAVCHENKOV, Vasilii Antonovich; MOSENKIS, Yuriy Grigor'yevich;
CHMIL', L.N., red.; KOZINCHENKO, V.Ya., tekhn. red.

[Oxygen cutting with heating by natural gas] Kislородnaia rez-
ka na prirodnom gaze. Khar'kov, Khar'kovskoe knizhnoe izd-vo,
1961. 43 p. (MIRA 15:9)

(Gas welding and cutting)

SVIRIDENKO, Kim Iva ovich; CHAIL', L.N., red.

[Working time, working area] Rabochee vremia, rabochee mesto. Khar'kov, Khar'kovskoe knizhnoe izd-vo, 1963. 19 p.
(MIRA 17:9)

1. Master smeny kommunisticheskogo truda Khar'kovskogo traktornogo zavoda imeni Ordzhonikidze (for Sviridenko).

IZMAYLOV, M.Z. [deceased]; SHOSTENKO, Yu.V.; CHMIL', V.D.

Use of polymeric materials in partition chromatography with
inverted phases. Dop. AN URSS no.2:201-205 '62. (MIRA 15:2)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevti-
cheskiy institut. 2. Chlen-korrespondent AN USSR (for Izmaylov).
(Chromatographic analysis)(Polymers)

CHMIL', Varvara Ivanovna, Geroy sotsialisticheskogo truda; DONS'KOY, Ya.Yu., red.; SHEVCHENKO, M.G. [Shevchenko, M.H.], tekhn. red.

[The work and the peoper of one shift] Dlia i liudy odnietei sminy. Kharkiv, Kharkivs'ke knyzhkove vyd-vo, 1961. 19 p.

(MIRA 15:1)

1. Master pervogo traktornogo tsakha Kharkovskogo traktornogo zavoda (for Chmil').

(Labor and laboring classes)

CHMIL', V.I., inzh.

Hydraulic control system for three-cylinder walking supports.
Mashinostroenie no.3:85-88 My-Je '63. (MIRA 16:7)

1. Nauchno-issledovatel'skiy i proyektno-tekhnologicheskoy
institut mashinostroyeniya Donetskogo soveta narodnogo
khozyaystva.

(Hydraulic control)
(Crushing machinery)

CHMIL', Ya.M. (Kiyev)

A valuable reference book. Zashch. rast. ot vred. i bol. 8
no.9:62 S '63. (MIRA 16:10)

UL'YANKIN, M. G.; ~~Prinimali~~ uchastiye: GIDALEVICH, M. G.;
DUL'NEVA, I. P.; ZASLAVSKIY, A. S.; SHABALINA, N. S.;
CHMILENKO, N. M.; PROKHOROVICH, L. Ye.

Separators for juice manufacture. Trudy MNIIPP 1:49-62 '61.
(MIRA 16:1)

(Separators(Machines)) (Fruit juices)

CHMILNICH, A.P. (Khar'kov)

Practical remarks on the method of skiascopy. Vest.oft. 69 no.6:
27-29 N-D '56.

(MLRA 10:2)

(REFRACTION, OCULAR, determ.
skiascopy, method)

KORCHAGINA, V.I.; RUTMAN, L.I.; FIDKO, A.A.; SHCHER, A.M.; GIKH, L.M.;
AMROKH, R.V.; VULIKH, Yu.L.

Plant use of a cracking residue in the production of bitumens.
Nefteper. i neftekhim. no.6:25-28 '64. (MIRA 17:9)

1. Odesskiy neftepererabatyvayushchiy zavod i Odesskiy politekhnicheskii institut.

LOBANOV, V.I.; GUREYEV, A.S.; CHMIR, O.N.

Examination of gunpowder grains in medicolegal practice.
Sud.-med. ekspert. 7 no.3:7-11 J1-S '64.

(MIRA 17:10)

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kand. ekonom. nauk; LUK'YANOV, V.O., kand. ekonom. nauk;
CHMIR, R.D. [Chmyr, R.D.], red.; GORBUNOVA, N.M. [Horbunova,
N.M.], tekhn. red.

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(Ukraine—Field crops)
(Ukraine—Pastures and meadows)

CHMUKOVA, Ye.F.; GRIGOR'YEVA, M.K.

Effect of dysentery on the course of tuberculosis in children. Vopr.
pediat. 20 no.2:48-51 Mar-Apr 1952. (CML 22:1)

1. Of the Clinic for Children's Diseases, Severoosetinsk State Medical
Institute.

CHMORA, N.Ya.

"Peasant's Laboratories and Their Significance in the Development of Agriculture,"
Sov. Agron. No. 4, 1949, Candidate of Agricultural Sciences.

1. CHMORA, N. Ya.
2. USSR (600)
4. Fertilizers and Manures
7. Mechanization of peat winning and preparation of composts.
Dost. sel'khoz. No. 2, 1952.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified

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Wider introduction of the square nest method of potato planting in 1952. Sad 1 og
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SO: MLRA. July 1952.

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Kartofel' [The potato]. Moskva, Sel'khozgiz, 1953. 500 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 5 May 1954.

1. CHMORA, N. Ya.
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CHORRA, N. IA.

Achievements of science and progressive experiments in potato raising; public lecture.
Moskva, Znaniye, 1954. (Seria 5, no. 8)

1. Potatoes - Russia.

CHMORA, N. Ya.

Kvadratno-gnezdovaia posadka kartofelia (Planting potatoes in checkrow-hills). Moskva, Sel'khozgiz, 1954. 87 p. (Nauch. -issled. in-t kartofel'nogo khoziaistva)

SO: Monthly List of Russian Accessions, Vol 7, No 9, Dec 1954

USCR/

YAKUSHKIN, I.V., akademik, red.; CHMOR, N.Ya., kand. sel'skokhozyaystvennykh nauk, red.; SERGEYEV, V.I., red.; ZUBRILINA, Z.P., tekhn. red.

[Potatoes] Kartoffel'. Izd.5. Moskva, Gos. izd-vo sel'koz. lit-ry, 1956. 278 p. (Trehletnie kolhoznye agrosotekhnicheskie kursy. 2.g. obucheniya) [Bibliotekha po ovoshchevodstvu, 7]. (MIRA 11:9) (Potatoes)

CHMORA, N.Ya.

How to improve the quality of potatoes. Nauka i pered.op.v sel'khoz.
7 no.9:50-51 S '57. (MIRA 10:10)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta
kartofel'nogo khozyaystva.
(Potatoes)

BELL, L.N.; CHMORA, S.N.

~~SECRET~~
Effect of oxygen on spectral variations induced by light in plant leaves. Fiziol.rast. 6 no.1:91-92 Ja-F '59. (MIRA 12:2)

1. K.A. Timiryazev Institute of Plant Physiology, U.S.S.R. Academy of Sciences, Moscow.
(Plants, Effect of oxygen on) (Leaves---spectra)

BELL, L.N.; CHMORA, S.N.; KORNIL'YEV, V.P.

Apparatus for quantitative determination of radiation (photointegrator).
Fiziol. rast. 6 no.4:504-507 J1-Ag '59. (MIRA 12:10)

I.K.A. Timiriazev Institute of Plant Physiology, U.S.S.R. Academy
of Sciences, Moscow.

(Botanical apparatus) (Solar radiation)

NICHIPOROVICH, A.A.; STROGONOVA, L.Ye.; CHMORA, S.N.; VLASOVA, M.P.;
KURSA NOV, A.L., otv.red.; SHAROVATOVA, I.B., red.izd-va;
VOLKOVA, V.M., tekhn.red.

[Photosynthetic activity of cultivated plants; methods and
object of records kept in connection with the formation of
grain] Fotosinteticheskaya deiatel'nost' rastenii v posevakh;
metody i zadachi ucheta v svyazi s formirovaniem urozhayev.
Moskva, Izd-vo Akad.nauk SSSR, 1961. 132 p.

(MIRA 14:4)

(Photosynthesis)

BELL, L.N.; CHMORA, S.N.

Conference on the development of the investigation of photosynthesis
and bioactinometry in the Estonian S.S.R. Fiziol.rast. 9 no.4:515-
516 '62. (MIRA 15:9)

(PHOTOSYNTHESIS—CONGRESSES)

ACC NR: AP7002570

(A, N)

SOURCE CODE: UR/0413/66/000/023/0062/0062

INVENTOR: Ivanov, K. I.; Zeger, K. Ye.; Chmovzh, V. Ye.; Polyakovskaya, V. I.;
Kudryavova, G. V.

ORG: none

TITLE: Method of improving the antiwear and anticorrosion properties of heavy liquid fuels. Class 23, No. 189110 [announced by All-Union Heat Engineering Institute im. F. E. Dzerzhinskiy (Vsesoyuznyy teplotekhnicheskiy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 62

TOPIC TAGS: fuel additive, antiwear additive, anticorrosion additive

ABSTRACT:

An Author Certificate has been issued for a method of improving the antiwear and anticorrosion properties of heavy liquid fuels [unspecified], involving the introduction of additives based on compounds, soluble in water or organic media, of the type $MeX_1 + AlX_2$, where Me is Ca, Mg, or Zn, and X_1 and X_2 are anions or functional groups, taken in quantities such that the Al/Me ratio be 0.05 to 0.95.

SUB CODE: 11/ SUBM DATE: 05Apr65/ ATD PRESS: 5112

Card 1/1

UDC: 546.27'261:620.197

CHMSHIYAN A. L.

Chmshiyany, A. L. "A case of hyperkinesia on the ground of infectious encephalitis,"
Sbornik nauch. trudov Klin ik nerv. bolezney (Yerevansk. gos. med. in-t'), I-II,
1948, p. 519-22 -- In Armenian -- Summary in Russian

So: U-3566, 15 March 53, (Letopis 'Zhurnal Vyskh Statey, No. 13, 1949)

CHMSHKYAN, V.

The Lenin Canal is ten years old. Rech. transp. 21 no.8:29-31
Ag '62. (MIRA 18:9)

1. Nachal'nik upravleniya Volgo-Donskogo sudokhodnogo kanala
imeni V.I.Lenina.

CHMURA, Boleslaw

The rationalizers in Szczecin Voivodeship and the current
five-year plan. Przegl techn No.30:12. J1 '62.

CHMURA, BOLESŁAW

From the conference of the rationalizers of Szczecin Voivodeship.
Przegl techn no. 28:7 15 J1 '62.

CHMURA, Boleslaw

Against polytechnic education in vocational schooling. Przegl
techn no.39:9 30 S '62.

7

CHMURA, Boleslaw

Work of the scientific-technical associations in Szczecin;
valuable initiatives, great profits. Przegl techn [84] no.7:
5 17 F '63.

1. Sekretarz Komisji Postępu Technicznego, Wynalazczosci i Racjonalizacji przy Zarządzie Okręgowym Związku Zawodowego Pracowników Przemysłu Spożywczego i Cukierhniczego, Szczecin.

CHMURA, Boleslaw

Career of Professor Habiej's engine. Przegl techn 24 no.14:5 7 Ap '63.

CHMURA, Boleslaw

A club of restless people. Przegl techn 84 no.42:11 20 0 '63.

GEMURA, Moleslaw

The information centers in Stettin. Przegl techn 85 no.5:
10 2 F'64.

CHMURA, B.

Collaboration of the Central Technical Organization and the
trade unions in shaping the plans for the development of
technology. Przegl tech 85 no.7:4 16 F'64.

CHMURA, Boleslaw

Members of the Association of Engineers and Technicians
of the Food Industry are preparing the future five-year
plan. Przegl techn 85 no. 27:10 5 J1 '64.

CHMURA, Boleslaw

Achievements of the workers of the food and sugar industries
in Stettin. Przegl techn 85 no. 13: Supplement: Przegl chlod
no. 3: 10 '64.

CHMURA, Boleslaw

Fifteen years of activities of the Szczecin Branch of the
Association of Engineers and Technicians of the Food
Industry. Przegl techn 85 no.31:8 2 Ag '64.

CHMURA, Boleslaw

Fraising a disquieting thought; from a conference of inventors.
Przegł techn 86 no.18:6 2 My '65.

CHMURA, Boleslaw

Scientists and their laboratories in the city of Stettin.
Przegl techn 86 no.22:11,12 '65.

Z/003/61/000/026/002/002
D005/D102

AUTHORS: Chmura, František, and Kůtek, Josef

TITLE: The M 110 H engine

PERIODICAL: Křídla vlasti, no. 26, 1961, 14-16

TEXT: The výzkumný a zkušební letecký ústav (Aviation Research and Testing Institute) in Letňany developed a small, light-weight helicopter engine with low fuel consumption which is simple to produce and assemble and easy to maintain. The engine, designated M 110 H, has been built by the Automobilové závody Jiřího Dimitrova "Avia" (Jiří Dimitrov Automobile Works "Avia") in Letňany and is being tested according to the British BCAR testing specifications for helicopter engines. The engine is expected to be put into quantity production before the end of 1961. The tentative overhaul period has been set at 300 hours, however, preliminary tests indicate it can be extended to 600 hours. Further development provides for the engine to be fitted with hydraulic-operated push-rods to limit the valve clearance. With certain modifications, the engine can also be mounted in special vehicles and ships. The M 110 H is a four-stroke horizontally-opposed four-cylinder, forced-air-cooled engine with a crankshaft-mounted centrifugal clutch. It

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The M 110 H engine

Z/003/61/000/026/002/002
D005/D102

is fitted with a low-pressure YH fuel injector, a 650 W starter, rpm transmitter drive of 1:1 gear ratio, one free accessory drive of 1:1 ratio and two accessory drives of 2:1 ratio. The crankshaft is carried in lead-bronze bearings. Two valves per cylinder are inclined 26 and 29°, respectively, to the cylinder axis and driven by a camshaft with parabolic cams located in the lower part of the crankcase. A 7-kg capacity oil tank is fitted to the underside of the crankcase. The crankcase is split along the vertical center-line and houses also the accessory-drive casings. Pressure lubrication is of the dry-sump system. Gear-type oil pump (pressure and scavenge stages) is located in the lower part of the engine. Fuel is inducted by a low-pressure injection pump to the injection nozzles placed in cylinder heads in front of the suction valves and is injected into the middle of the sucked air stream. The injection pump consists of a single piston, a distribution-sleeve valve and a delivery vane pump with a regulation valve. Fuel is delivered by the vane pump through the regulation valve into the decelerating chamber of 0.25 kg/cm² pressure. The fuel injection is regulated by pressure gauges and servo mechanisms. The normal fuel pressure is about 3.5 kg/cm². Ignition is shielded, dual, by magnetos with automatic ignition advance. Each cylinder has two spark plugs with type M 12 x 1.25 thread.

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The M 110 H engine

Z/003/61/000/026/002/002
D005/D102

The engine can be mounted either horizontally or inclined up to 45°. Main technical data: Take-off (five-minute) power, 115 hp/3,100 rpm; maximum continuous power, 100 hp/3,000 rpm; cruising power, 80 hp/3,000 rpm; fuel consumption at take-off power, 260 g/hp/hour; fuel consumption at maximum continuous power, 240 g/hp/hour; fuel consumption at cruising power, 225 g/hp/hour; bore, 110 mm; stroke, 87 mm; total cylinder capacity, 3.3 liters; compression ratio, 7:1; weight, 134 kg; length, 800 mm; width, 774 mm; height, 820 mm; fuel type, LBZ 72-80 octane. An alternate version of the M 110 H engine is the M 110 fixed-wing-aircraft engine with the following specifications: Take-off power, 105 hp/2,800 rpm; maximum continuous power, 95 hp/2,650 rpm; cruising power, 75 hp/2,400 rpm; fuel consumption at take-off power, 250 g/hp/hour; fuel consumption at maximum continuous power, 230 g/hp/hour; fuel consumption at cruising power, 200 g/hp/hour; weight, about 90 kg. There are 5 figures.



Card 3/3

POLAND/Cosmochemistry, Geochemistry, Hydrochemistry.

D.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28285

Author : Chmura, K. and Lewowicki, S.

Inst :

Title : Foleslav Quartzites and Their Economic Importance.

Orig Pub : Przegląd Geol, 5, No 6, 264-271 (1957) (in Polish)

Abstract : The investigation of tertiary quartzites whose outcrops accompany miocene brown coal deposits is reported. The chemical composition of samples from ten formations according to 127 analyses is as follows (in %): p.p.p. /TN: meaning of abbreviation not known/ up to 7.81, SiO_2 87.99.60, Al_2O_3 0.02-7.95, Fe_2O_3 0.05-2.16, CaO up to 0.50, MgO up to 0.23, TiO_2 up to 0.45. Physical and technical indices: before sintering--porosity 0.20-22.00, bulk density 2.10-2.98, specific gravity 2.18-2.66,

Card 1/2

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POLANT/Cosmochemistry. Geochemistry. Hydrochemistry.

D.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28285

heat resistance 32/35 Zeeger cone /TN: spelling uncertain/; after sintering--porosity 2.31-22.8, bulk density 1.92-2.58, sp. gr. 2.40-2.61. The mineral composition and particle size distribution were also investigated. Two deposits are of commercial importance: Kleshchova-Osechnitsa and Oldzhykhuv. From the rounding of the grains and from the mineral composition the authors assume that the quartzites under discussion were formed from upper cretaceous sandstones. However, the conditions under which they were formed and the related silicification process still remain to be clarified.

Card 2/2

COUNTRY : Poland
CATEGORY : Cosmochemistry. Geochemistry. Hydrochemistry.
ABS. JOUR. : RZKhim., No. 16 1959, No. 56674
AUTHOR : Chmura, K., Lewowicki, S., and Palubicki, R.
INST. : Not given
TITLE : New Feldspar Deposit in Lower Silesia

ORIG. PUB. : Przegląd Geol, 6, No 8-9, 395 (1958)

ABSTRACT : Data are presented on the chemical composition of the feldspar and on the composition limits of fresh and weathered rocks, based on 13 analyses.

A. Yegorkin

CARD: 1/1

COUNTRY : Poland
CATEGORY : Cosmochemistry. Geochemistry. Hydrochemistry. D
ABS. JOUR. : RZKhim., No. 16 1959, No. 56672
AUTHOR : Chmura, K.
INST. : Not given
TITLE : Silica in Grochow Magnetites (Lower Silesia)
ORIG. PUB. : Przegląd Geol, 6, No 10, 431-433 (1958)
ABSTRACT : No abstract.

CARD: 1/1

65

CHMURA, Kazimierz; MACHEJ, Karol

New methods of measuring mineral components of a rock. Przegl geol
9 no.4:201-206 '61. (KEAI 10:9)

(Rocks) (Minerals)

CHMURA, Kazimierz; SZMAL, Zbigniew

IId International Conference on Mineralogy and Petrography of lacms
in Prague. Przegł geol 9 no.12:663-665 '61.

CHMURA, Kazimierz; SULKOWSKI, Janusz

Occurrence of talc in the Wiry region in Lower Silesia and possibilities of its utilization in industry. Gornictwo Gliwice no.12:123-145 '64.

CHMURA, Kazimierz, dr inż.; SŁOTA, Roman, mgr inż.; SZYMCZYK, Franciszek,
mgr inż.

Problem of industrial utilization of certain raw materials and
rocks occurring together with coal deposits and dumped onto the
spoil heaps of the Upper Silesian Coal Basin. Przegl gorn 21
no.2:69-73 F '65.

CHMURA, R.; BUDEK, J.

"Starting and Controlling Freezing Appliances in Shaft Sinking." p.45
(PRZEGLAD GORNICZY Vol. 10, no. 2, Feb. 1954 Katowice, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

PRZYBYLKIEWICZ, Zdzislaw; BORYSIEWICZ, Janusz; BRANNY, Jerzy; GEORGIADIS, Jerzy; JUZWA, Eugeniusz; CHMURA, Urszula.

Studies on the etiology of viral diseases of the central nervous system. I. The role of polio, adeno, influenza and rotol viruses in neuroinfections. Przegl. epidem. 19 no.3:351-357 '65

1. Z Zakladu Mikrobiologii Lekarskiej AM w Krakowie (Kierownik: prof. dr. Z. Przybylkiewicz) i z Miejskiego Szpitala Specjalistycznego im. dr. Anki w Krakowie, (Dyrektor: dr. H. Brajer).